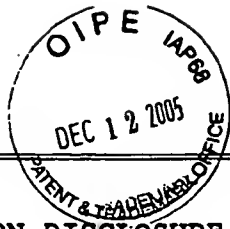


Sheet 1 of 1 (11/28/01)

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Sheet 1 of 1 (5/17/02)

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.
1190-0532P

APPLICATION NO.
09/994,761

APPLICANT
SUGIURA, et al.

FILING DATE
November 28, 2001

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SE	4,989,079	1991-01-29	Ito			
SE	5,588,050	1996-12-24	Kagawa, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
SE	JP 7170404	1995-07-04	JAPAN			ABS	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

Saeid Ebrahim

DATE CONSIDERED

3/3/06

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Form PTO-1449

ATTY DOCKET NO.
1190-0532PAPPLICATION NO.
09/994,761INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

APPLICANT
SUGIURA, Hiroaki et alFILING DATE
November 28, 2001GROUP
2622

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
56	US 4,887,150	B1	1989-12-12	Chiba et al.			
	US 4,740,833	B1	1988-04-26	Shiota et al.			
	US 5,436,733	B1	1995-07-25	Terada et al.			
	US 5,933,252	B1	1999-08-03	Emori et al.			
	US 5,659,406	B1	1997-08-19	Imao et al.			
	US 6,434,268	B1	2002-08-13	Asamura et al.			
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	EP	1028586	A	2000-08-16	EP				
	JP	7-023245		1995-01-24	JP			Abs	
	JP	11-17974		1999-01-22	JP			Abs	
	JP	8-321964		1996-12-03	JP			Abs	
	JP	5-183742		1993-07-23	JP			Abs	
	JP	5-48885		1993-02-26	JP			Abs	
✓	JP	63-227181		1988-09-21	JP			Abs	
56	JP	2-30226		1990-07-05	JP				

OTHER DOCUMENTS

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Sheet 1 of 1 (9/20/04)

Form PTO-1449	ATTY. DOCKET NO. 1190-0532P	APPLICATION NO. 09/994,761
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	APPLICANT Hiroaki SUGIURA et al.	
	FILING DATE November 28, 2001	GROUP 2622

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SG	US 5,255,083	A	1993-10-19	CAPITANT, et al.			
SG	US 5,349,452	A	1994-09-20	MAEDA, et al.			
SG	US 5,751,449	A	1998-05-12	NOBUTA			
SG	US 5,881,168	A	1999-03-09	TAKAOKA, et al.			
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
SG	EP	0665680	A2	1995-08-02	EUROPE			X	
SG	EP	0961481	A2	1999-12-01	EUROPE			X	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) data, page(s), volume-issue number(s), publisher, city and/or country where published.	
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ATTY. DOCKET NO.
1190-0532P

APPLICATION NO.
09/994,761

APPLICANT
Hiroaki SUGIURA et al.

FILING DATE
November 28, 2001

GROUP	Unassigned
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1190-0532PAPPLICATION NO.
09/994,761APPLICANT
Hiroaki SUGIURA et al.FILING DATE
November 28, 2001GROUP
Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SE	US 5,243,447		1993-09-07	Bodenkamp et al.			
SE	US 5,940,089		1999-08-17	Dilliplane et al.			
SE	US 5,987,167		1999-11-16	Inoue			
SE	US 6,421,094	B1	2002-07-16	Han			

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
SE	EP	0 837 601	A2	1998-04-22	EUROPE			X	
SE	KR	10-0244227	B1	1999-11-22	KOREA				Abs

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

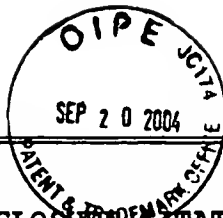
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Hiroaki SUGIURA et al.FILING DATE
November 28, 2001GROUP
2622**U.S. PATENT DOCUMENTS**

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SE	EP	0961481	A2	1999-12-01	EUROPE			X	

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	US 5,933,252	B1	1999-08-03	Emori et al.			
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